

1707 U.S. PTO  
120803

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PATENT

Attorney Docket No. GA-6803

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

22782 U.S. PTO  
10/730146

120803

### NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of inventor(s): Ky Thoi Luu  
Wayne Douglas Duda

For (title): PULSE WIDTH MODULATOR CIRCUIT HAVING NEGATIVE BIAS

Enclosed are:

1. Papers Required for Filing Date Under 37 CFR 1.53(b):

- 11 Pages of specification
- 1 Pages Abstract
- 4 Pages of claims
- 4 Sheets of drawing
  - ☒ formal (Figs. 1-5)
  - ☐ informal

In addition to the above papers there is also attached: one Information Disclosure Statement (2 pgs) and one PTO 1449 Form

### CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date December 8, 2003 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EUS1688033-2US addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

Jas Wolfe  
(Type or print name of person mailing paper)

Jas Wolfe  
(Signature of person mailing paper)

2. Declaration or oath:

- ☒ Enclosed  
☐ Not Enclosed.

3. Language:

- ☒ English  
☐ Non-English  
☐ A verified English translation of the  
☐ specification and claims  
☐ declaration  
is attached.

4. Assignment:

- ☒ An assignment of the invention to Harris Corporation  
  
☒ is attached.  
☐ will follow

5. Certified Copy:

Certified copy (ies) of application (s)

(Country)	(Appin. No.)	(Filed)
(Country)	(Appin. No.)	(Filed)
(Country)	(Appin. No.)	(Filed)

from which priority is claimed

- ☐ is attached  
☐ will follow

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6. Fee Calculation:  
(Small entity filing fee is 50% normal fee)

CLAIMS AS FILED				
Number Filed	Number Extra		Rate	Basic Fee
				\$ 770.00
Total Claims	10	-20 =	X	\$ 18.00
Independent Claims	1	-3 =	X	\$ 88.00
Multiple dependent claim(s), if any			+	\$280.00

- ☐ Amendment canceling extra claims enclosed  
☐ Amendment deleting multiple dependencies enclosed  
☐ Fee for extra claims is not being paid at this time

Filing Fee Calculation \$770.00

7. Small Entity Statement

- ☐ Verified statement that this is a filing by a small entity under 37 CFR 1.9 and 1.27  
(Must be enclosed to get small entity filing fee reduction)

8. Fee Payment Being Made At This Time:

Enclosed:

- ☒ basic filing fee \$770.00  
☒ assignment recordal fee \$40.00  
☐ for processing an application with a specification in a non-English language \$            
Total fees enclosed \$810.00

9. Method of Payment Fees:

- ☒ check in the amount of \$810.00 enclosed.

☒ The Commissioner is hereby authorized to charge any DEFICIENCY in the filing fees for this application to our Deposit Account No. 20-0090.

10. Instructions As to Overpayment:

- ☒ refund

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*Robert B. Sundheim*

SIGNATURE OF ATTORNEY, REG. NO. 20-127

Robert B. Sundheim

Type or print name of attorney

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